

Our Climate Future Goals and Renewable Electricity Progress

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Our Climate Future Goals

OCF Energy Related Goals and Status Overview

Goal	Definition	What's Included	Target Year & Status
Carbon Emissions Goals	Emissions from all community inventory resources	Petroleum, natural gas, electricity, waste, industrial	■ 2026 - At risk ■ 2030 - Off track ■ 2050 - At risk
100% Renewable Electricity	Fort Collins has more renewable electricity available than it uses	% of electricity from non-carbon sources	■ 2030 - On track
5% Local Renewables	5% of electricity use from local renewable sources	% of grid electricity from local non-carbon sources	■ 2030 - On track
5% Grid Flexibility	Shift 5% of peak electricity loads	Flexing electricity from one time to another	■ 2030 - On track

100% Renewable Goals: Consumption vs. Generation

	100% Renewable Consumption	100% Renewable Generation
Policy	Our Climate Future Plan & Council Resolution 2018-094	Resource Diversification Policy
How It's Measured	Renewables Generation ÷ Community Consumption (annual kWh)	Renewable Generation ÷ Platte River Generation (annual kWh)
Progress	48% in 2024 100% in 2030 (target year)	37% in 2024 88% in 2030 (target year)
Benchmarks	Peer cities & distribution utilities	Generation authorities
Community Role	Efficiency, conservation & local renewable (solar)	Grid flexibility & Virtual Power Plant (VPP) efforts

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Renewable Supply Projects: 2025-2028 Roadmap

2025

Add: 150 MW
Black Hollow Sun
solar project
(Phase 1)

Retire: 77 MW
Craig Unit 1

2026

Add: Black Hollow
Sun solar project
(Phase 2) & utility-
scale battery
storage project

Join: Southwest
Power Pool's
regional
transmission
organization

2027

Add: Four-hour
battery storage in
each owner
community

2028

Submit: 2028
Integrated
Resource Plan
(IRP)

Add: Future wind
project &
aeroderivative
turbines

Retire: Craig Unit 2

5% Local Solar by 2030

Status	On track
Current	3.4% in 2024
Forecast	5.0% in 2030



How We Compare

(watts per capita)

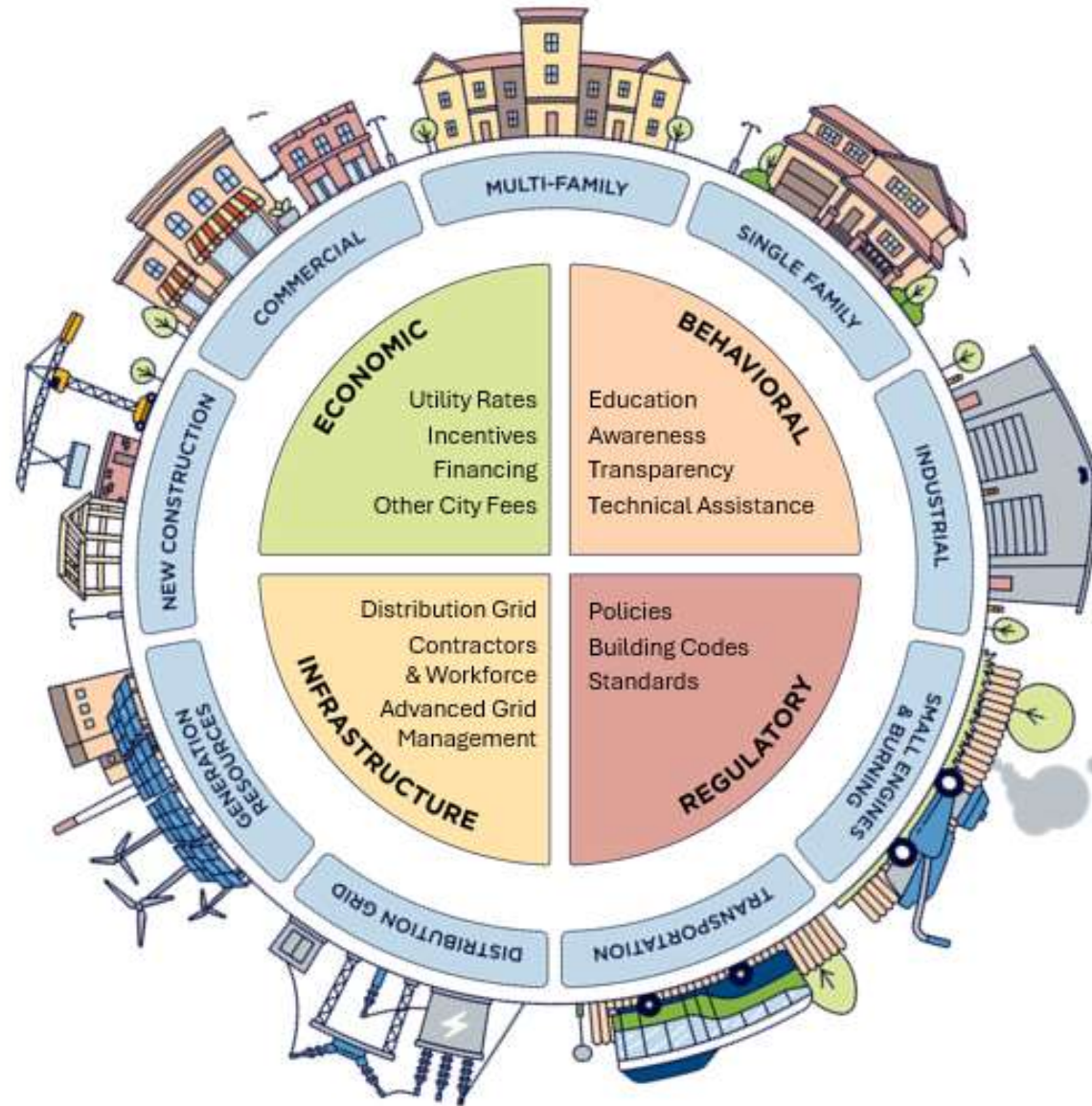
2024 Peer City Benchmarks

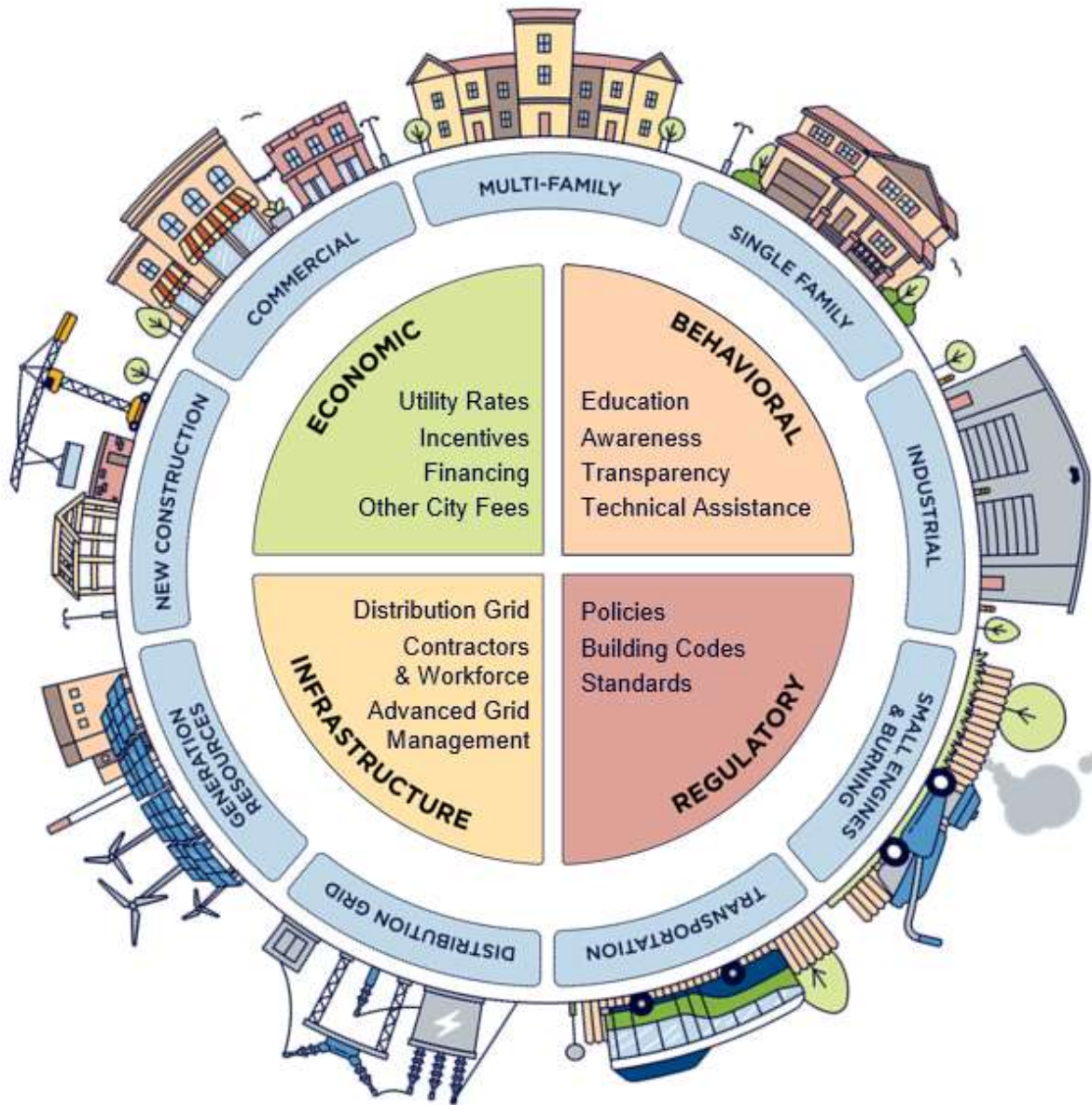
Fort Collins	237	(40 MW total)
Longmont	80	(8 MW total)

2022 Shining Cities Report

Denver	189
Salt Lake City	183
Los Angeles	166
Fort Collins	165
Sacramento	160

Demand Side: Strategies for Decarbonization

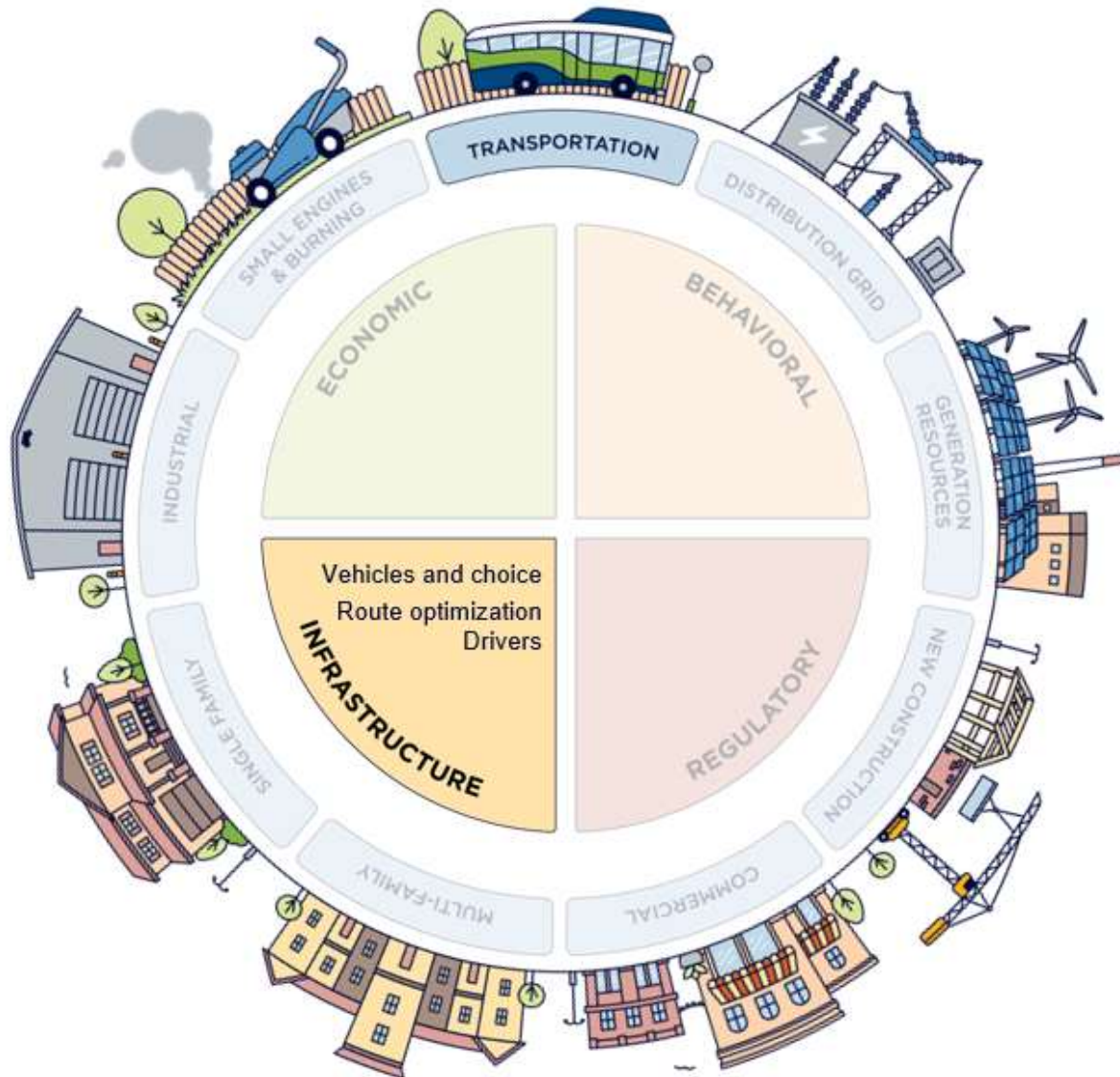




OCF Strategic Funding Plan

Develop framework for strategic allocation of City funding, including 2050 tax revenue, to accelerate climate action

- Our Climate Future – Driven
 - 2050 Carbon neutral emissions
 - 100% Renewable Electricity
 - Zero waste goal

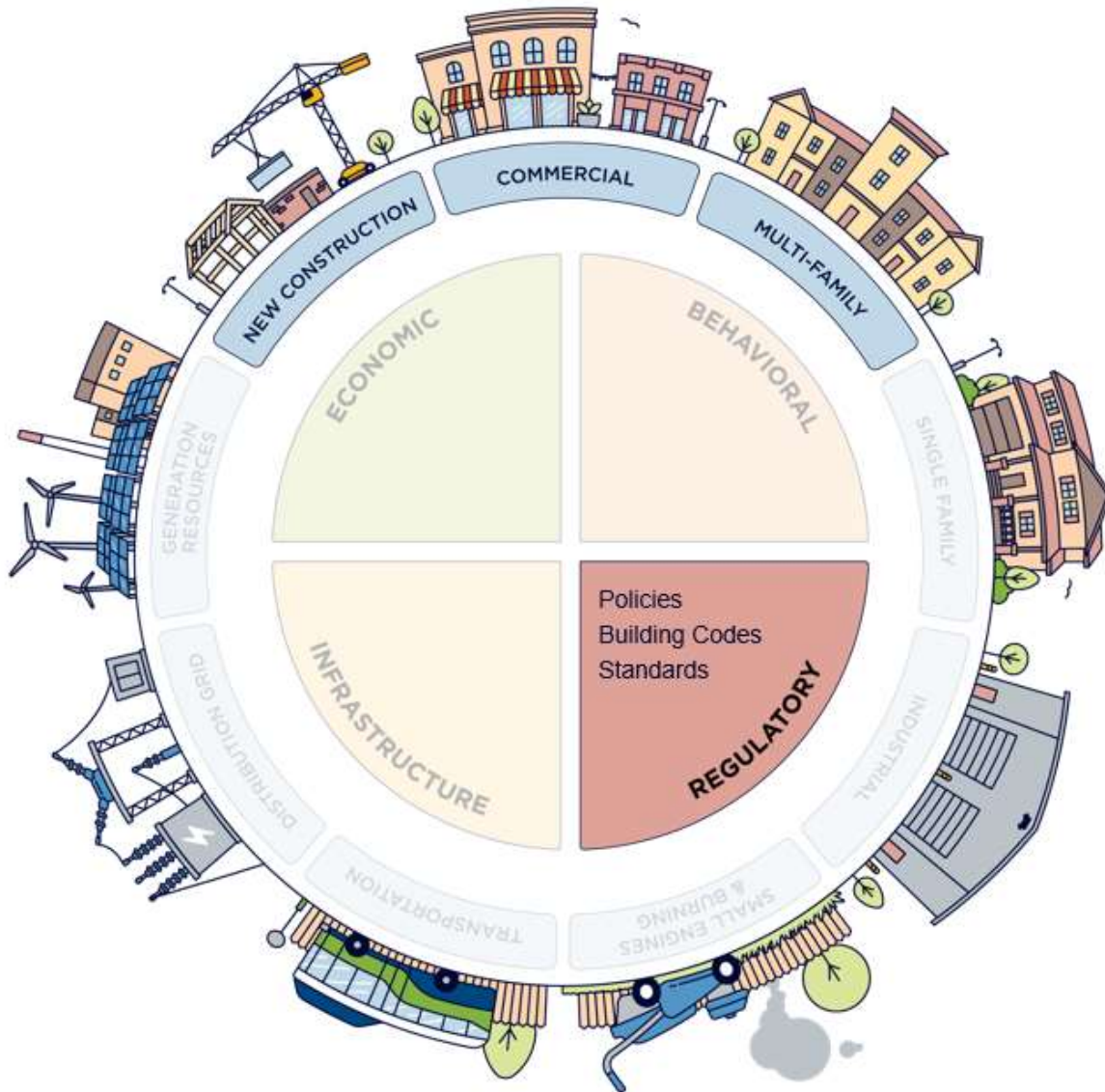


Transfort Optimization Plan

Determine most optimal way to deliver transit service to community using combination of bus routes and micro-transit options.

- OCF Beneficial
 - Reduced vehicle miles traveled
 - Petroleum emissions reduction





Building Performance Standards Policy

Develop policy framework for improving performance of built environment

- OCF Driven
 - Building emissions reduction
 - Optimize energy use for pursuing 100% renewable electricity





Questions?

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